

**ABSTRACT OF THE DISCLOSURE:**

In an event detection and monitoring system displaying event data in both tabular and chart formats, the displays of each are tightly-coupled to one another so that when a user selects an event in one format the corresponding event in the other format is highlighted or otherwise emphasized. When a user selects a row containing an event of interest in the event log table, the symbol in the event log chart corresponding to the selected event is simultaneously highlighted. Similarly, when a user selects a symbol in the event log chart corresponding to an event of interest, the row in the event log table containing the corresponding event is simultaneously highlighted. In addition, the rows of the event log table can be sorted and filtered according to predetermined criteria, and the events selected by the filters are highlighted in the chart with indicia distinguishing the filter.